



TMDL Implementation Guidance for Local Governments: Maintaining Loading Limits

Presented at the
TMDL Implementation Guidance Review Workshop for
Local Governments

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Presentation Overview

- **Motivation**
- **Precedents**
- **Current Examples**
- **An Integrated System of Management**

Maintaining Loading Limits

- **Motivation for Attention to this Topic:**
 - **Simple Logic in Protecting Water Quality**
 - **Reduce Regulatory Uncertainty**
 - **Building Off-set Management Capacity will Take Time**
 - **Opportunity to Leverage Reductions**
 - **Central to an Integrated Systematic Management Approach**

Maintaining Loading Limits (Con't)

- **Precedents for Off-setting New Loads:**
 - **1993 Land Use Planning Guidance:**
 - **Development should....**
 - **Leave Healthy Waters Healthy**
 - **Improve Impaired Waters**
 - **Tributary Strategy Cap Maintenance**
 - **1995: Reduce by 40% and Maintain that Limit**
 - **Point Source Cap Maintenance Strategy**
 - **Critical Areas Law 10% Rule**
 - **Redevelopment Stormwater Retrofits**

Maintaining Loading Limits (Con't)

- **Current Examples:**
 - **The Previous Precedents**
 - **Point Source Off-sets**
 - **Motivated by Tributary Strategy Cap Maintenance**
 - **Treatment Plant Upgrades**
 - **Temporary Shifts in Accounting**
 - **Consolidation of Small Point Sources**
 - **Spray Irrigation**
 - **Septic Connection Credits**

Maintaining Loading Limits (Con't)

- **Integrated System:**
 - **Comprehensive Off-set Policy**
 - **Elements to Consider in the System:**
 - **Leveraging Reductions**
 - **Land Use Planning – Role of Planning in Advance**
 - **Economic and Regulatory Incentives**
 - **Financial Planning**
 - **Differential Fee System = Economic Incentive**
 - **Leveraging Reductions = Private Sector Financing**

QUESTIONS?

COMMENTS?